



Banner

STAND BY BULL

Bloc SBV: Type SBV 12-12 → SBV 12-250

These block batteries are designated as AGM batteries and stand out due to the universality of their applications and absolutely maintenance-free design. Other advantages include their long service life, very high power density and compatible casing dimensions. These batteries are mainly employed in UPS systems, as a diesel starter battery and in solar plants.

Features

- Block batteries, 12 V rated voltage
- Zero-maintenance for entire service life
- Compensation charge voltage of 2.27 V/cell
- Recommended temperature range of 20°C (max. -10°C to +40°C)
- Long service life
- Employment independent of position
- Corrosion-resistant terminal design
- Good voltage position in the high-voltage range
- Non hazardous item in line with FAA und IATA (prusuant to packaging reglation 806)
- Designed for a service life of 10 years + in stand by operation mode „long life“ after EUROBAT

Design

- Positive electrode
Lead/calcium, high-performance grid with pasted active mass
- Negative electrode
Lead/calcium, high-performance grid with pasted active mass
- Separation
Glass fibre non-woven web
- Casing material
ABS, bonded cover
- Electrolyte
Extremely pure sulphuric acid bound into a web
- Terminal design
Electrolyte-tight safety terminal sealed with epoxy resin
- Cell connections
Interior welding through the casing wall
- Cell plug
Safety valve with an overpressure ventilation system for 2 psi (14 Kpa) gas pressure





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Technical details

Type	Rated voltage, in V	Capacity in Ah				Dimensions			Ri mOhm	Ik in A	Terminal no	Charge voltage max. A	Type of connection	Total weight kg
		C 20 1,80 V/Z.	C 10 1,80 V/Z.	C 3 1,75 V/Z.	C 1 1,60 V/Z.	Length mm	Width mm	Height mm						
SBV 12-12	12	12,7	12	9,5	7,4	151	98	101	18	490	2	D	F 6,4	3,8
SBV 12-18	12	20,2	19,3	15,2	11,9	181	77	167	16	732	2	C	In M 5	5,7
SBV 12-26	12	27,4	26	20,5	16	166	175	125	12	900	2	C	In M 5	8,1
SBV 12-33	12	35,2	33	28,2	24,8	195	130	167	5,7	1.100	2	B	In M 6	10,7
SBV 12-45	12	45	41	33,6	26,3	197	165	170	9	1.400	2	C	In M 6	14,5
SBV 12-55	12	60	56	42,3	35,6	228	137	210	7,5	1.700	2	B	In M 6	17,7
SBV 12-70J	12	75	70	52,5	43,4	350	167	179	6,6	2.100	2	B	In M 6	23,7
SBV 12-70	12	80,2	75	56,5	46,5	260	168	214	6,6	2.100	2	B	In M 6	22,7
SBV 12-80	12	87,8	80	62,7	55,8	260	168	214	6,6	2.400	2	B	In M 6	25
SBV 12-100	12	167	100	69,9	59,2	330	173	220	4,9	2.900	2	B	In M 8	32
SBV 12-120	12	132,2	124	93,6	80,4	408	177	225	4,0	3.300	2	B	In M 8	36,6
SBV 12-135	12	152	144	105,9	89,1	345	173	280	4,0	3.750	2	C	In M 6	45,5
SBV 12-150	12	160,6	150	115,8	96,7	485	170	239	3,5	4.200	2	B	In M 8	47,2
SBV 12-180	12	189	180	138	114,3	532	209	220	3,3	4.700	2	E	In M 6	56,9
SBV 12-200	12	222	208	168	143,8	522	240	224	2,7	5.400	2	E	In M 8	64
SBV 12-250	12	274	265	196,2	160,4	522	268	226	2,5	5.900	2	E	In M 8	74

The given electrical values are valid for loads in a fully charged condition and an ambient temperature of 20°C.

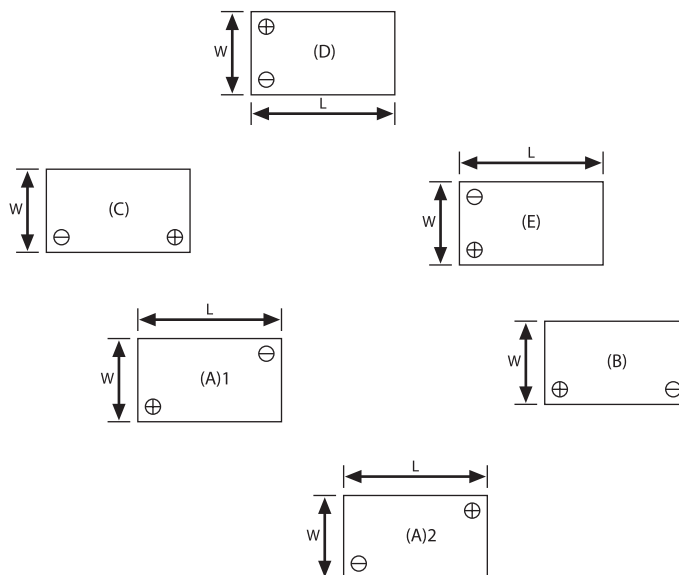
* F 4.8 (Faston 4.8 mm), F 6.4 (Faston 6.4 mm), In (insert screw terminal)

Installation

The blocks are suitable for position-independent installation on racks or in cabinets. On request, we supply special racks for zones subject to earthquakes, telecommunications applications and UPS systems. The safety regulations according to EN 50272-2 are to be observed, particularly those relating to ventilation. Charging must be adjusted to the voltage limits stipulated in our data sheets.

All figures relating to dimensions and weight are subject to the standard production tolerances. The electrical values are approximate. Our products are subject to ongoing development, therefore we retain the right to make changes without an obligation to inform.

The adjacent drawing shows on type of installation



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THE POWER COMPANY